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**[PDF] New Innovations in Diode Laser Cladding A. Groth, C. Walz, S ...**

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izing a 3 KW **direct diode laser** and a coaxial powder-feeding nozzle. .... used were large surfaces need to be coated but precise **deposition** is required in ...

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**An analytical model of energy distribution in laser direct metal ...**

E48±56. 9 Pinkerton, A. J. and Li, L. The effect of **diode laser** beam, shape and traverse direction on the **direct metal deposition** process. ...

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**THE WHOLE RP FAMILY TREE**

**Solid Laser Diode Plotter System (SLP)** by Denken ... **Direct Metal Deposition (DMD)** by Precision Optical Manufacturing/The University of Michigan ...

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**Direct-Write Deposition and Laser Processing of Dry Fine powders ...**

continuous wave diode pumped Nd:YAG **laser** (Cutting Edge Optronics), ... devices based on **direct-write deposition** of dry powder **materials** followed by **laser** ...

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**Laser Research Services**

**Laser Research Services, Metal Deposition** Process development for **metal powder deposition** using fiber-delivered, **direct diode lasers**. ...

[www.alspi.com/laserresearch.htm](http://www.alspi.com/laserresearch.htm) - 12k - Cached - Similar pages

**US Laser Corp: Laser Application**

A lap joint is where two **materials** are to be joined by welding through one into the .... **Direct metal deposition laser** systems are being used for rapid ...

[www.uslasercorp.com/applications.html](http://www.uslasercorp.com/applications.html) - 45k - Cached - Similar pages

**Emerald FullText Article : High power diode laser transmission ...**

At the forefront of industrial **laser materials** processing at present are the high .... The advent of **High Power Direct Diode Laser Arrays** has radically ...

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**ScienceDirect - Optics and Lasers in Engineering : Closed loop ...**

The **direct metal deposition** (DMD) process is drawing considerable .... Almost any **laser** with sufficient power density such as CO<sub>2</sub>, Nd-YAG and **diode lasers** ...

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**Simultaneous wire- and powder-feed direct metal deposition: An ...**

W.U. H.Syed and L.Li, "Effects of wire feeding direction and location in multiple layer **diode laser direct metal deposition**," Appl. Surf. Sci. ...

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... were grown using the two-flow metal-organic chemical ... in this way were measured under **direct** current (dc). ... and G. Fasol, **The Blue Laser Diode** (Springer, Berlin ...)

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AJ Salih, SP Lau, JM Marshall, JM Maud, WR Bowen, ... - Applied Physics Letters, 1996 - link.aip.org  
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Changes in **diode** characteristics were observed following postmetallization ...

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AJ Pinkerton, L Li - Journal of Physics D, Applied Physics, 2004 - iop.org  
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